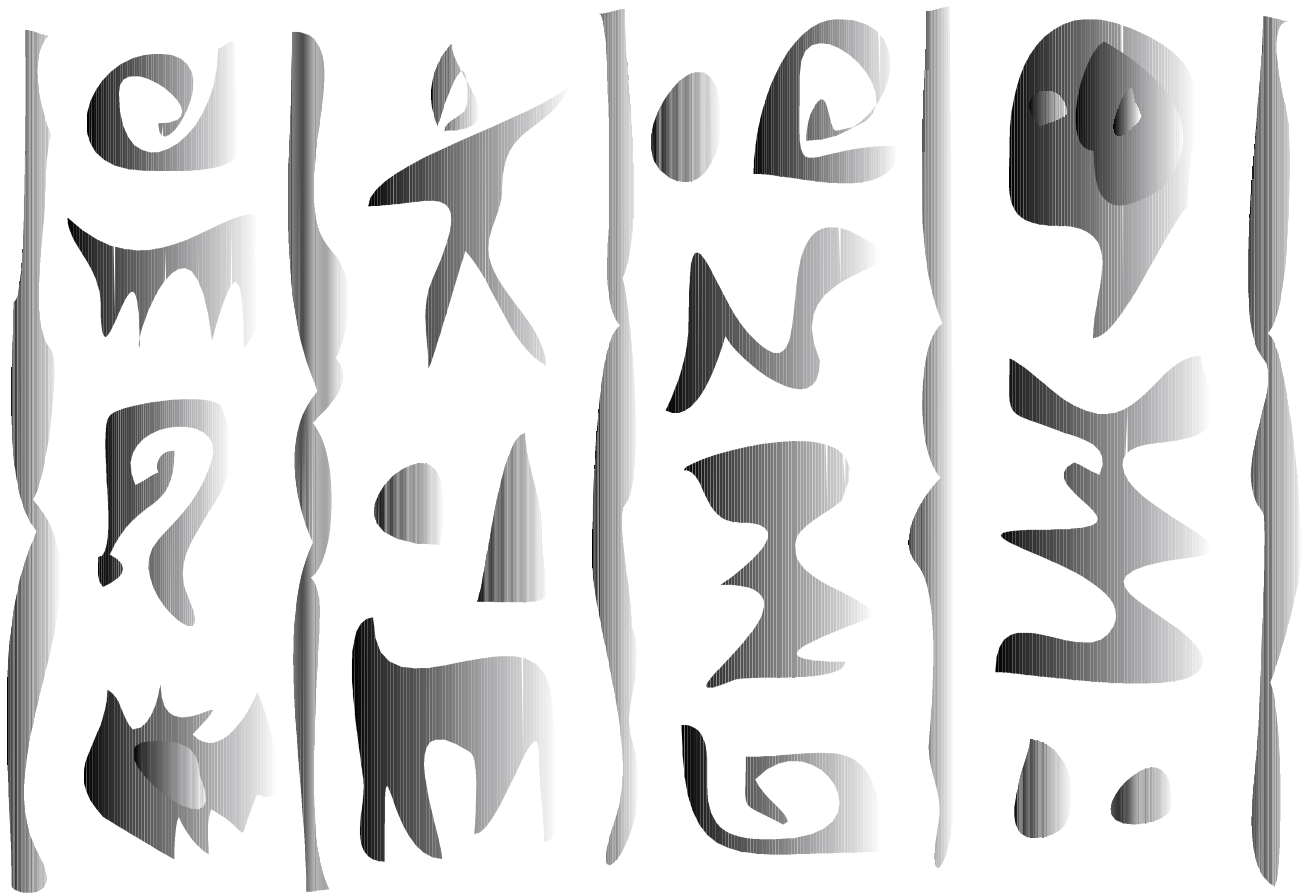


Salt Lake/Tooele Utah Job Outlook



Salt Lake and Tooele Counties

training levels

Training levels represent how *most* workers became proficient in their occupations.

Bachelor's Degree or Higher—This classification includes four training groups: professional degrees (like law or medicine), doctoral degrees, master's degrees, bachelor's degrees, and work experience in an occupation requiring a bachelor's or higher degree (like managers).

Associate's Degree or Applied Technology Training—Associate's Degrees usually require at least two years of full-time academic work after high school. Most occupations in this category are health-related. Applied technology occupations generally require completion of applied technology training programs or courses that do not result in a degree. Program lengths vary and often lead to certification or a diploma. Some occupations require licensure.

Work Experience in a Related Occupation—These occupations require skills and experience gained in another occupation. Or, skills may be developed from hobbies or military service.

Long-Term On-the-Job Training—These are occupations which generally require more than 12 months of on-the-job training or combined work experience *and* formal classroom instruction before workers develop skills needed for average job performance.

Moderate-Term On-the-Job Training—

Workers in this category usually achieve average job performance after one to 12 months of combined on-the-job experience and informal training (which can include watching experienced workers). Trainees are given progressively more difficult assignments as they demonstrate their mastery of lower-level skills.

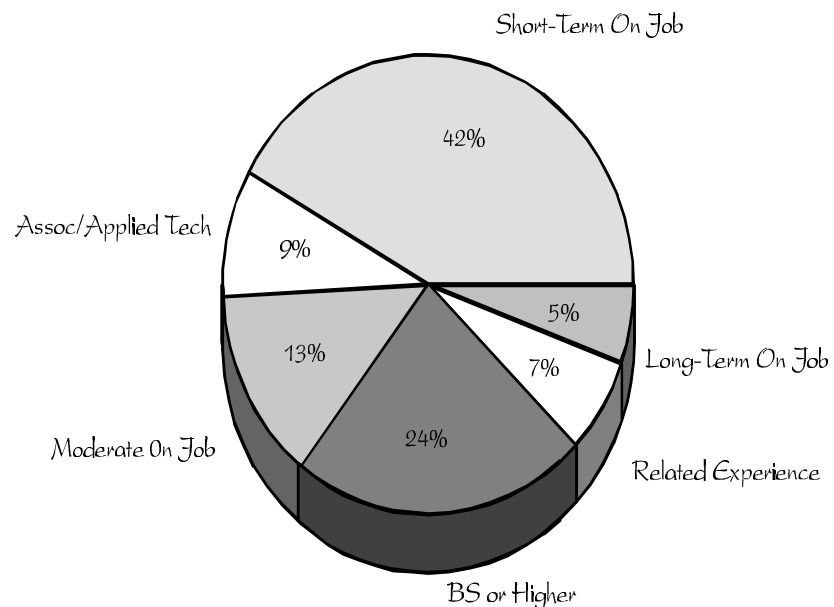
Short-Term On-the-Job Training—

In this group, workers typically achieve average job performance in just a few days or weeks by working with, observing, and asking questions of experienced employees.



training does count!

Salt Lake/Tooele New Jobs by Training Level—2000-2005



a word about wages. . .

On average, workers in Salt Lake area can expect to earn lower wages than statewide pay.

The wage rates in this publication show the average wage rate for experienced workers.

These are average wages. . . they represent workers with 30 years of experience as well as those with three years of experience.

Workers entering the occupation for the first time

can expect to earn noticeably lower wages than those listed here.

Local wages are used whenever possible. In this case, wages are for the Salt Lake/Ogden Metropolitan Statistical Area—unless denoted by (*). Figures marked with a (*) are Utah wages.

Wages were collected by the Utah Department of Workforce Services between October 1998 and July 1999.

For more information on occupational wages visit our web site: ***wi.dws.state.ut.us***



question: *Should I pay the most attention to occupations with the most new openings or those that are fastest growing?*

answer: Job growth can be measured by percent change and numerical change. The fastest growing occupations do not necessarily provide the largest number of jobs. A larger occupation with slower growth may produce more openings than a smaller occupation with faster growth.

For example, the rate of growth for paralegals is twice that of nurses. But, there are 10 times as many nursing openings as paralegal openings. Generally, it's best to **concentrate on occupations with the most openings**. However, often when occupations are growing rapidly there may be short-term shortages of workers. BUT, further research would be necessary! Don't just think that a rapidly growing occupation is a sure road to job-seeking success.

**Fastest-Growing
or
Most
Openings?**

Don't be fooled! Fast-growing occupations might create only a few jobs.

Salt Lake/Tooele

Employment Projections by Training Level 2000 - 2005

Bachelor's Degree or Higher

| | Annual Job Openings 2000-2005 | Estimated Average Hourly Wage | | Annual Job Openings 2000-2005 | Estimated Average Hourly Wage |
|---|--|--|--------------------------------------|--|--|
| Accountants & Auditors | 170 | \$18.20 | Managers, Engineering, Computer Info | 90 | \$32.50 |
| Artists & Commercial Artists | 180 | \$16.30 | Managers, Financial | 120 | \$25.60 |
| Computer Programmers | 130 | \$22.80 | Managers, General & Top Execs | 410 | \$29.10 |
| Computer Systems Analysts | 260 | \$23.40 | Managers, Medical/Health Service | 80 | \$25.90 |
| Engineers, Computer | 160 | \$28.00 | Managers, Property/Real Estate | 80 | \$17.00 |
| Engineers, Electrical & Electronics | 110 | \$28.30 | Physicians | 180 | \$45.50 |
| Human Res/Training/Lab Rel Specs | 150 | NA | Public Relations Specialists | 70 | \$16.00 |
| Insurance Sales Agents | 110 | \$18.20 | Social Workers, Ex Med/Psychtric | 140 | \$14.20 |
| Interior Designers | 70 | \$14.55 | Teachers, Elementary School | 160 | \$15.90 |
| Lawyers | 230 | \$36.30 | Teachers, Secondary School | 230 | \$16.60 |
| Managers, Administrative Services | 90 | \$21.40 * | Writers & Editors | 110 | \$17.20 |
| Managers, Advertising, Marketing, Sales | 110 | \$28.50 | | | |

Associate Degree/Applied Tech

| | Annual Job Openings 2000-2005 | Estimated Average Hourly Wage | | Annual Job Openings 2000-2005 | Estimated Average Hourly Wage |
|-------------------------------------|--|--|----------------------------------|--|--|
| Automotive Mechanics/Service Techs | 260 | \$13.30 | Medical/Clinical Lab Technicians | 40 | \$10.40 |
| Broadcast & Sound Technicians | 110 | \$11.00 | Nurses, Registered | 450 | \$20.90 |
| Computer Support Specialists | 360 | \$16.10 | Paralegals & Legal Assistants | 50 | \$16.00 |
| Cosmetologists & Hairstylists | 160 | \$7.70 | Photographers | 70 | \$10.80 |
| Drafters | 60 | \$13.90 * | Radiologic Techs/Technologists | 40 | NA |
| Electrical & Electronic Technicians | 80 | \$17.10 | Sales Agents, Real Estate | 150 | \$20.60 |
| Emergency Medical Techs/Paramedics | 50 | \$9.60 | Secretaries, Legal | 40 | \$13.60 |
| Licensed Practical/Voc Nurses | 70 | NA | Travel Agents | 40 | \$10.90 |

Experience in a Related Occupation

| | Annual Job Openings 2000-2005 | Estimated Average Hourly Wage | | Annual Job Openings 2000-2005 | Estimated Average Hourly Wage |
|--|--|--|---------------------------------------|--|--|
| Brokers, Real Estate | 70 | \$24.20 | Inspectors & Compliance Officers | 40 | \$18.30 |
| Electrical/Electronic Assemblers | 40 | \$9.50 | Instructors, Adult (Non-VocEd) | 40 | \$11.15 |
| First Line Supervisors, Construction | 70 | \$19.70 * | Managers, Food Service & Lodging | 150 | \$13.40 |
| First Line Supervisors, Marketing/Sales | 450 | \$16.40 | Managers, Lawn Service | 50 | NA |
| First Line Supervisors, Mechanics | 70 | \$19.40 | New Accounts Clerks, Banking | 50 | NA |
| First Line Supervisors, Office/Admin Support | 300 | \$15.30 | Private Detectives/Investigators | 70 | NA |
| First Line Supervisors, Production | 80 | \$17.30 | Teachers/ Instructors, VocED/Training | 60 | NA |
| Inspectors/Testers/Graders | 50 | NA | | | |

Unless noted with (*), wages are for the Salt Lake Metro Area.

* Statewide wages.

Long-Term On-the-Job Training

| | Annual Job Openings 2000-2005 | Estimated Average Hourly Wage | | Annual Job Openings 2000-2005 | Estimated Average Hourly Wage |
|---------------------------------|--|--|---|--|--|
| Actors/Directors/Producers | 110 | \$9.00 | Machinists | 40 | \$14.00 |
| Automotive Body & Rel Repairers | 80 | \$13.70 | Maintenance Repairers, Gen Util | 150 | \$11.60 |
| Carpenters | 90 | \$14.10 | Mobile Heavy Equipment Mechanics | 40 | \$16.80 |
| Cooks, Institution/Cafeteria | 50 | \$8.70 | Musicians, Instrumental | 60 | NA |
| Cooks, Restaurant | 110 | \$8.00 | Office Machine, Cash Register Servicers | 50 | \$11.40 |
| Correctional Officers | 70 | \$13.50 * | Police Patrol Officers | 50 | \$15.60 |
| Diesel Engine Mechanics | 60 | \$14.80 | Sheriffs & Deputy Sheriffs | 40 | \$14.60 |
| Flight Attendants | 80 | NA | Welders & Cutters | 40 | \$12.90 |
| Insurance Adjusters/Investgers | 50 | \$19.30 | | | |

Moderate-Term On-the-Job Training

| | Annual Job Openings 2000-2005 | Estimated Average Hourly Wage | | Annual Job Openings 2000-2005 | Estimated Average Hourly Wage |
|---------------------------------------|--|--|-------------------------------------|--|--|
| Accounting & Bookkeeping Clerks | 210 | \$10.50 | Photographic Process Workers, Prec | 50 | \$8.50 |
| Bakers, Bread & Pastry | 50 | \$8.70 | Sales Agents, Advertising | 70 | \$16.40 |
| Data Entry Keyers, Excl Composing | 50 | \$8.80 | Sales Agents, Business Services | 190 | \$18.40 |
| Dental Assistants | 50 | \$9.60 | Sales Reps, Non-Technical | 360 | \$19.20 |
| Instructors/Coaches, Sports | 100 | \$11.00 | Sales Reps, Technical | 120 | \$24.70 * |
| Insurance Policy Process Clerks | 40 | \$10.50 | Salespersons, Parts | 50 | \$13.60 |
| Laundry/Drycleaning Machine Operators | 40 | \$8.80 | Secretaries, Excl Legal or Medical | 210 | \$11.00 |
| Medical Assistants | 80 | \$9.80 | Social/Human Service Assistants | 90 | NA |
| Packaging/Filling Maching Operators | 60 | \$8.90 | Telemarketers & Other Sales Workers | 930 | \$7.80 |
| Painters & Paperhangers | 50 | \$11.80 | | | |

Short-Term On-the-Job Training

| | Annual Job Openings 2000-2005 | Estimated Average Hourly Wage | | Annual Job Openings 2000-2005 | Estimated Average Hourly Wage |
|---------------------------------|--|--|--|--|--|
| Adjustment Clerks | 210 | \$9.80 | Interview Clerks, Excl Personnel | 70 | \$9.40 |
| Amusement/Recreation Attendants | 60 | \$6.20 * | Janitors & Cleaners | 390 | \$7.70 |
| Animal Caretakers, Ex Farm | 80 | \$8.80 * | Laborers, Landscaping/Groundskeeping | 450 | \$8.20 |
| Bank Tellers | 130 | \$8.00 | Maids & Housekeeping Cleaners | 160 | \$6.90 |
| Bartenders | 60 | NA | Mail Clerks, Excl Mail Machine | 60 | \$8.70 |
| Bill & Account Collectors | 150 | \$9.80 | Nursing Aides/Orderlies/Attends | 160 | \$8.10 |
| Cashiers | 1030 | \$7.60 | Office Clerks, General | 630 | \$9.70 |
| Child Care Workers | 290 | \$6.80 | Order Clerks | 70 | \$10.40 |
| Cooks, Fast Food | 90 | \$6.50 * | Order Fillers, Wholesale/Retail | 70 | \$10.40 |
| Cooks, Short Order | 70 | \$6.50 | Reception & Information Clerks | 350 | \$8.60 |
| Counter & Rental Clerks | 240 | \$8.30 | Shipping & Receiving Clerks | 300 | \$8.40 |
| Counter Attendants/Cafeteria | 380 | \$6.60 * | Reservation & Transportation Ticket Agts | 230 | \$12.40 |
| Dining Room/Cafe Attendants | 70 | \$6.90 | Sales Clerks, Retail | 1030 | \$9.00 |
| Driver/Sales Workers | 60 | \$8.00 | Shipping & /Receiving/ Clerks | 90 | \$11.00 |
| Fast Food Workers | 440 | \$6.40 | Stock Clerks, Sales Floor | 70 | \$8.60 |
| File Clerks | 70 | \$8.40 | Stock Clerks: Stockrm/Warehouse | 120 | \$9.60 |
| Food Preparation Workers | 290 | \$6.90 * | Teacher Aides, Paraprofessional | 140 | \$8.20 |
| Guards | 200 | \$8.50 | Teacher Aides/Educational Assts | 90 | \$8.65 |
| Hand Packers & Packagers | 260 | \$7.00 | Truck Drivers, Heavy | 470 | \$14.80 |
| Helpers, Mechanics & Repairers | 70 | \$9.10 | Truck Drivers, Light | 270 | \$9.50 |
| Home Health Aides | 80 | \$7.70 | Waiters & Waitresses | 450 | \$6.10 |

Source: Utah Department of Workforce Services; Economic and Data Analysis.

Unless noted with (*), wages are for the Salt Lake/Ogden Metro Area.

* Statewide wages.

Just because an occupation is in this publication, doesn't mean jobs will be easy to find! Here we cover only the "demand" for occupations. The other side of the equation is the **supply** of workers wanting to work in that occupation.

Unfortunately, there's not much supply data.



do your homework!



do your homework!



on the net. . .

- ✓ wi.dws.state.ut.us —Utah Labor Market Information
- ✓ www.bls.gov/ —Bureau of Labor Statistics
- ✓ www.bls.gov/ocohome.htm —Occupational Outlook Handbook
- ✓ www.ajb.org/ut/ —Utah's Job Bank
- ✓ www.dws.state.ut.us/Job_board/default.asp —Utah's Electronic Bulletin Board
- ✓ firmfind.dws.state.ut.us/pgMain.asp —Lists of Utah Companies

supply-side economics

An occupation may create hundreds of new openings every year. But, if thousands of workers are qualified for those positions, lots of workers won't find work in that field.

In other words, look at the *supply* of labor for a particular occupation—not just the *demand*. We do have some figures on the number of people completing certain

programs at public institutions. However, that excludes many, many qualified workers.

So, you'll have to do your homework! Check with people already employed in the occupation and employers who hire that occupation to determine whether there is an over- or under- supply of workers.

Utah Jobs Where "Supply" May be Larger than "Demand"

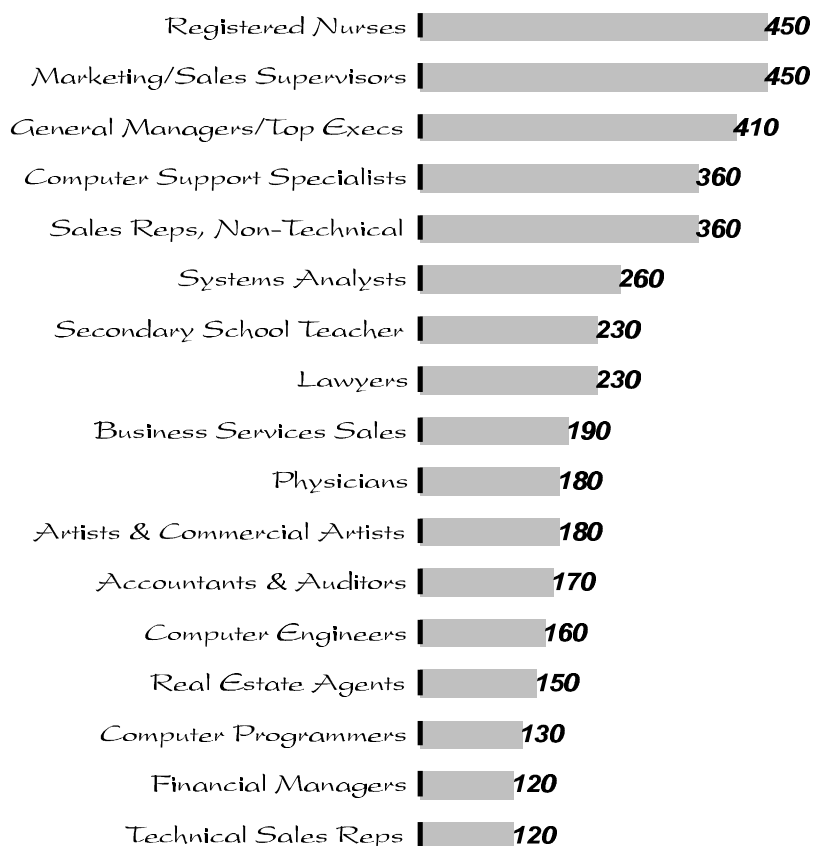
- ✓ Accountants
- ✓ Cosmetologists
- ✓ Drafters
- ✓ Sports Instructors/Coaches
- ✓ Management Analysts
- ✓ Marketing/Advertising Manager
- ✓ Psychologists
- ✓ Public Relations Specialists
- ✓ Recreation Workers
- ✓ Elementary Teachers
- ✓ Writers/Editors



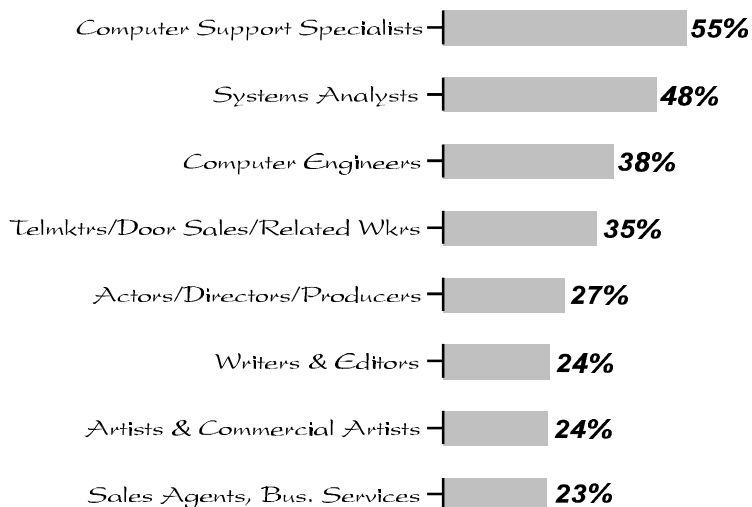
Remember,
don't be
tricked by our list
of "fastest
growing"
occupations.
Other jobs may
have many more
openings!



Salt Lake/Tooele Occupations with Most New Openings and Higher Pay



Fastest Growing Salt Lake/Tooele Occupations with at Least 100 Openings



use your head!

X Just over half of all new jobs statewide will develop in the Central region.

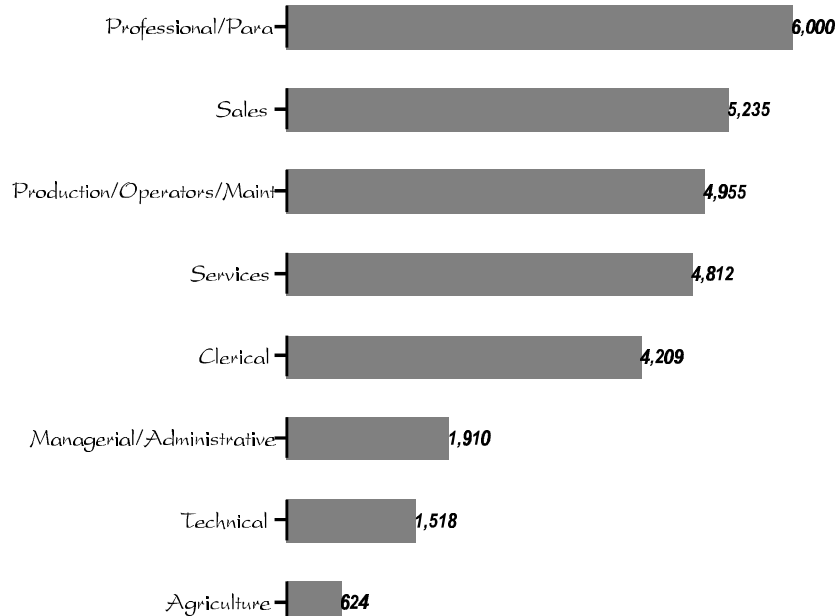
X Occupations requiring short-term, on-the-job training should generate the most jobs.

X Did you expect that a Bachelor's Degree or higher would have the next highest job openings?

X Some of the fastest-growing occupations are sales and computer-related positions, **and** they pay well.

X Professional and para-professional occupations, coupled with sales positions, account for 38 percent of annual job openings.

Salt Lake/Tooele 2000-2005 Annual Job Openings by Major Occupational Category



Our Mission

The mission of the Utah Department of Workforce Services is to provide accessible, and comprehensive employment-related and supportive services responsive to the needs of employers, job seekers, and the community.

All the information in this publication was produced by the Utah Department of Workforce Services.



Utah Department of
Workforce Services
Economic Analysis Unit
140 East 300 South
Salt Lake City, UT 84111
801/526-9340
Fax: 801/526-9238
www.dws.state.ut.us

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